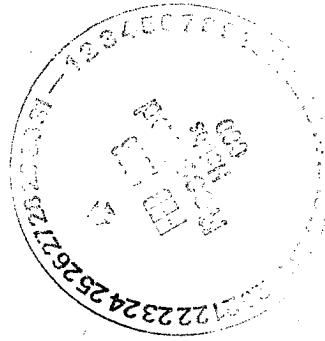




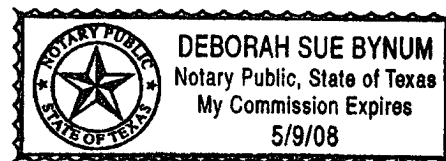
Field: Hobbs, North
Site: Lea County, NM
Well: NHU #29-711
Wellpath: DH - Job #32D1005765
Survey: 10/20/05-10/24/05

This survey is correct to the best of my knowledge and is supported by actual field data.

.....*Richardson*.....Company Representative

Notorized this date 27th of October, 2005.

Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International Survey Report

Company: OCCIDENTAL PERMIAN LTD.	Date: 10/27/2005	Time: 15:26:19	Page: 1
Field: Hobbs, North	Co-ordinate(NE) Reference:	Site: Lea County, NM, True North	
Site: Lea County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: NHU #29-711	Section (VS) Reference:	Well (0.00N,0.00E,269.38Azi)	
Wellpath: VH - Job #32K1005767	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 10/20/05	Start Date: 10/20/2005
KSRG 0'-1492'	
Company: Scientific Drilling Internatio	Engineer: Foster w/Gray
Tool: Keeper;Keeper Surface Readout	Tied-to: From Surface

Survey

MD ft	Incl deg	Azlm deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	359.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.34	259.63	100.00	0.29	-0.05	-0.29	0.34	0.30	259.63
200.00	0.19	230.16	200.00	0.71	-0.21	-0.71	0.20	0.74	253.32
300.00	0.26	228.96	300.00	1.01	-0.47	-1.01	0.07	1.11	245.12
400.00	0.19	257.65	400.00	1.35	-0.65	-1.34	0.13	1.49	244.07
500.00	0.21	246.07	500.00	1.68	-0.76	-1.67	0.04	1.84	245.49
600.00	0.28	291.82	600.00	2.07	-0.75	-2.07	0.20	2.20	250.15
700.00	0.26	275.17	699.99	2.53	-0.63	-2.52	0.08	2.60	255.86
800.00	0.18	299.14	799.99	2.89	-0.54	-2.88	0.12	2.93	259.43
900.00	0.22	299.04	899.99	3.19	-0.37	-3.19	0.04	3.21	263.41
1000.00	0.40	248.92	999.99	3.69	-0.40	-3.68	0.31	3.70	263.79
1100.00	0.47	239.89	1099.99	4.37	-0.73	-4.36	0.10	4.42	260.48
1200.00	0.57	226.85	1199.98	5.09	-1.28	-5.08	0.15	5.24	255.88
1300.00	0.75	208.12	1299.98	5.77	-2.20	-5.75	0.28	6.16	249.11
1400.00	0.87	190.22	1399.97	6.23	-3.52	-6.19	0.28	7.12	240.39
1492.00	1.20	205.38	1491.95	6.79	-5.08	-6.73	0.46	8.43	232.97



Scientific Drilling International Survey Report

Company: OCCIDENTAL PERMIAN LTD.	Date: 10/27/2005	Time: 15:26:50	Page: 1
Field: Hobbs, North	Co-ordinate(NE) Reference:	Site: Lea County, NM, True North	
Site: Lea County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: NHU #29-711	Section (VS) Reference:	Well (0.00N,0.00E,269.38Azi)	
Wellpath: DH - Job #32D1005765	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 10/20/05-10/24/05 MWD 1549'-4449'	Start Date: 10/20/2005
Company: Scientific Drilling Internatio	Engineer: Jezek/Daugherty/McCormick
Tool: MWD;MWD	Tied-to: From: Definitive Path

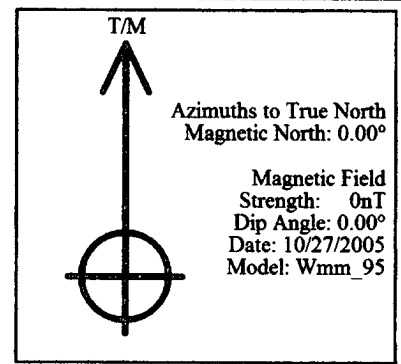
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
1492.00	1.20	205.38	1491.95	6.79	-5.08	-6.73	0.00	8.43	232.97
1549.00	1.40	206.47	1548.94	7.36	-6.24	-7.30	0.35	9.60	229.46
1643.00	1.28	196.95	1642.91	8.20	-8.27	-8.11	0.27	11.59	224.45
1737.00	1.23	196.95	1736.89	8.83	-10.24	-8.71	0.05	13.45	220.40
1863.00	1.33	197.94	1862.86	9.70	-12.93	-9.56	0.08	16.08	216.48
1955.00	1.79	229.57	1954.83	11.14	-14.87	-10.98	1.04	18.49	216.44
2050.00	3.00	262.30	2049.75	14.75	-16.17	-14.58	1.87	21.77	222.03
2143.00	5.13	269.92	2142.51	21.32	-16.50	-21.15	2.36	26.82	232.03
2238.00	7.03	273.73	2236.97	31.37	-16.13	-31.20	2.04	35.12	242.66
2333.00	8.96	271.80	2331.04	44.56	-15.52	-44.39	2.05	47.03	250.73
2426.00	10.90	272.83	2422.64	60.57	-14.86	-60.41	2.09	62.21	256.18
2549.00	11.46	274.02	2543.31	84.36	-13.43	-84.22	0.49	85.28	260.94
2643.00	11.80	275.28	2635.38	103.23	-11.89	-103.10	0.45	103.79	263.42
2738.00	11.24	270.84	2728.47	122.15	-10.86	-122.03	1.10	122.52	264.92
2830.00	11.11	270.15	2818.72	139.97	-10.70	-139.86	0.20	140.27	265.62
2925.00	10.42	270.51	2912.05	157.71	-10.60	-157.61	0.73	157.96	266.15
3017.00	9.91	272.13	3002.61	173.94	-10.23	-173.84	0.64	174.14	266.63
3108.00	10.70	267.45	3092.14	190.20	-10.32	-190.10	1.26	190.38	266.89
3200.00	10.21	268.47	3182.61	206.89	-10.92	-206.79	0.57	207.07	266.98
3292.00	10.34	266.97	3273.14	223.29	-11.57	-223.18	0.32	223.48	267.03
3386.00	9.70	267.04	3365.70	239.64	-12.43	-239.52	0.68	239.84	267.03
3481.00	10.05	267.87	3459.29	255.92	-13.15	-255.79	0.40	256.13	267.06
3574.00	10.45	267.41	3550.81	272.46	-13.83	-272.33	0.44	272.68	267.09
3668.00	10.82	271.06	3643.20	289.80	-14.05	-289.66	0.82	290.00	267.22
3730.00	10.39	271.76	3704.14	301.20	-13.77	-301.07	0.72	301.39	267.38
3823.00	11.45	270.91	3795.45	318.81	-13.37	-318.68	1.15	318.96	267.60
3916.00	11.01	270.49	3886.67	336.92	-13.15	-336.79	0.48	337.05	267.76
4008.00	11.61	273.74	3976.88	354.93	-12.47	-354.82	0.95	355.03	267.99
4101.00	11.29	275.66	4068.03	373.31	-10.96	-373.21	0.54	373.37	268.32
4195.00	10.70	275.46	4160.31	391.13	-9.22	-391.06	0.63	391.17	268.65
4289.00	10.59	276.45	4252.69	408.38	-7.42	-408.33	0.23	408.39	268.96
4382.00	10.29	278.49	4344.15	425.07	-5.23	-425.03	0.51	425.07	269.29
4449.00	10.29	278.49	4410.07	436.88	-3.47	-436.87	0.00	436.88	269.55

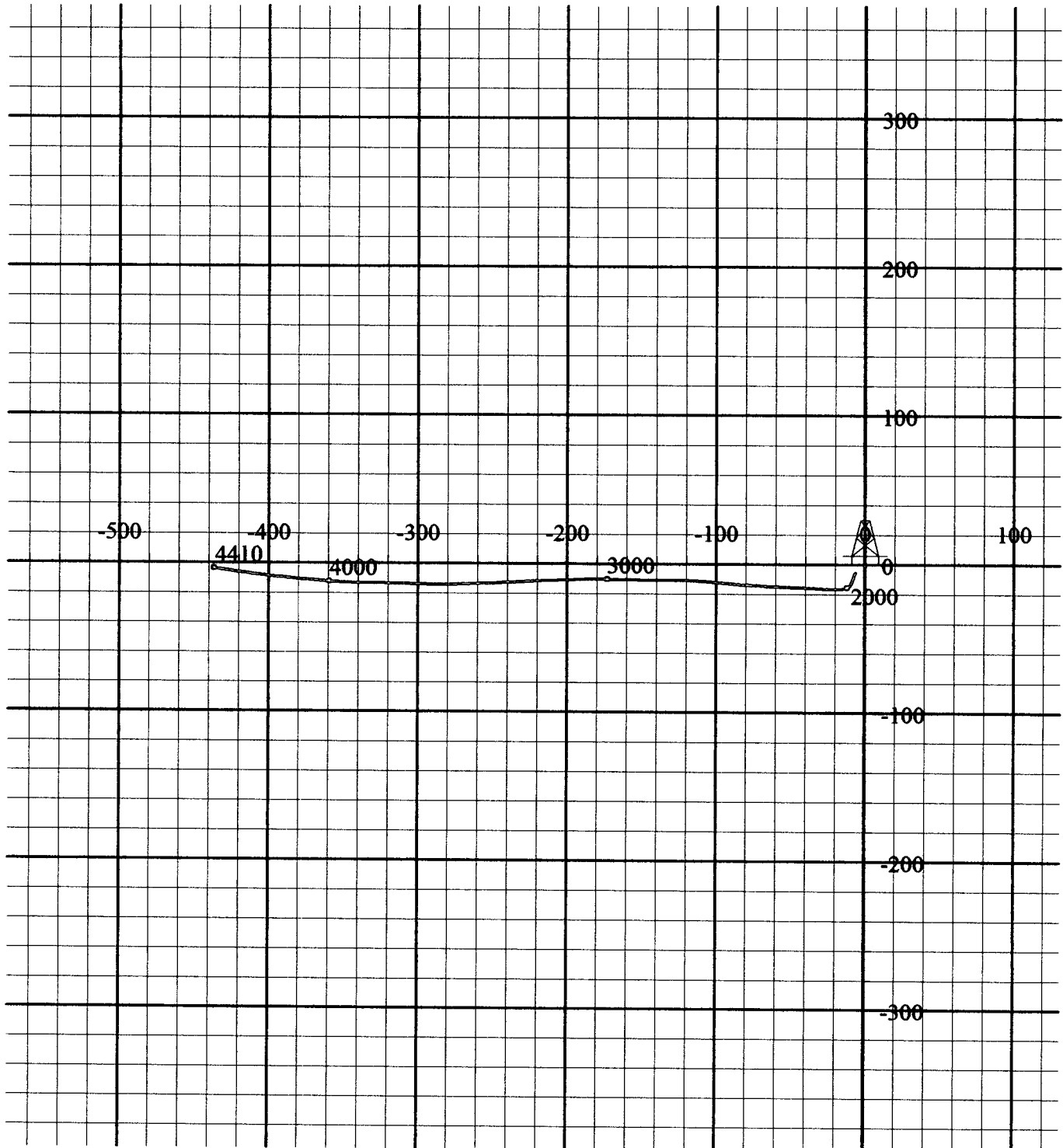


**Scientific
Drilling**

Field: Hobbs, North
Site: Lea County, NM
Well: NHU #29-711
Wellpath: DH - Job #32D1005765
Survey: 10/20/05-10/24/05



West(-)/East(+) [100ft/in]



South(-)/North(+) [100ft/in]